

U.S. Appln. No. 10/004,980  
Page 2

Amendments to the Claims:

Claims 1-19 (cancelled)

Claim 20 (previously presented): A fuel cell system comprising:  
an organic cooling fluid,  
a pump for pumping the cooling fluid in a liquid state to an elevated pressure,  
the pump being connected to deliver the fluid to a heat exchanger in a fuel cell,  
the fuel cell being connected to an expander to deliver the fluid to the expander,  
the expander being constructed to generate shaft work from the fluid flowing  
therethrough, and the expander being operatively connected to an air compressor to drive  
the air compressor and produce compressed air,

the air compressor being connected to the fuel cell to deliver compressed air to  
the fuel cell,

the expander being connected to a condenser to deliver the fluid to the  
condenser,

the condenser being constructed to remove heat from the fluid and to change the  
fluid to the organic cooling fluid in the liquid state,

the condenser being connected to the pump to deliver the liquid cooling fluid to  
the pump.

21 (new) A system as set forth in claim 20 wherein the organic cooling fluid  
comprises a chlorofluorocarbon.

22 (new) A system as set forth in claim 20 wherein the organic cooling fluid  
comprises CCIF<sub>2</sub> CCIF<sub>2</sub>.